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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/644,936	08/21/2003	Daisuke Shinohara	NIT-391	7378

7590 07/25/2005  
MATTINGLY, STANGER & MALUR, P.C.  
1800 DIAGONAL ROAD, SUITE 370  
ALEXANDRIA, VA 22314

EXAMINER
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SERRAO, RANODHI N

ART UNIT	PAPER NUMBER
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2141

DATE MAILED: 07/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/644,936

Applicant(s)

SHINOHARA ET AL.

Examiner

Ranodhi Serrao

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 25 April 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1,3-5,7-9,11,12,14 and 16-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3-5,7-9,11,12,14 and 16-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 August 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### ***Specification***

1. Applicant is reminded of the proper language and format for an abstract of the disclosure.
2. The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.
3. The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

### ***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

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5. Claims 1, 3-5, 7-9, 11, 12, 14, and 16-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Bobde et al. (2003/0217099).

6. As per claim 1, Bobde et al. teaches a service disclosing and providing method implemented in a case where first service providing means and second service providing means located on a network have a dependent relationship (paragraph 0024), said method comprising the steps of: responsive to an inquiry issued from service utilizing means (paragraph 0050), sending by a service disclosing means a location of said first service providing means being under disclosure to said service utilizing means (paragraph 0050); receiving by said first service providing means a service request sent from said service utilizing means to request said second service providing means to provide a service by using a location of said second service providing means being under non-disclosure (paragraph 0056); and sending back by said second service providing means the requested information to said service utilizing means via said first service providing means (paragraph 0026), wherein said service request is a request for acquisition of status information about a device, and a response to the request is the status information about said device (paragraph 0047).

7. As per claim 3, Bobde et al. teaches a service disclosing and providing method, wherein said service request is respective pieces of information that a plurality of said second service providing means send back, and said first service providing means aggregates the respective pieces of information that said second service providing means send back (paragraph 0040), and responds to said service utilizing means (paragraph 0038).

8. As per claim 4, Bobde et al. teaches a service disclosing and providing method implemented in a case where first service providing means and second service providing means located on a network have a dependent relationship, said method comprising the steps of: requesting by a service utilizing means said first service providing means to provide a service by using a location of said first service providing means being under disclosure (paragraph 0024); accepting by said first service providing means a service request sent from said service utilizing means to request said second service providing means to provide a service by using a location of said second service providing means being under non-disclosure (paragraph 0029); and sending back by said second service providing means the requested information to said service utilizing means via said first service providing means (paragraph 0029), wherein said service request is a request for acquisition of status information about a device, and a response to the request is the status information about said device (paragraph 0047).

9. As per claim 5, Bobde et al. teaches a service disclosing and providing method, wherein said first service providing means controls a user's right accessing said second service providing means, the user relating to said service utilizing means (paragraph 0027).

10. As per claim 7, Bobde et al. teaches a service disclosing and providing method, wherein said service request is respective pieces of information that a plurality of said second service providing means send back, and said first service providing means aggregates the respective pieces of information that said second service providing

means send back (paragraph 0040), and responds to said service utilizing means (paragraph 0038).

11. As per claim 8, Bobde et al. teaches a service disclosing and providing method implemented in a case where first service providing means and second service providing means located on a network have a dependent relationship, said method comprising the steps of: accepting by said first service providing means a service request sent from service utilizing means and issued by using a location of said first service providing means being under disclosure to request said second service providing means to provide a service by using a location of said second service providing means being under non-disclosure; and sending back by said second service providing means the requested information to said service utilizing means via said first service providing means (paragraph 0029), wherein said service request is a request for acquisition of status information about a device, and a response to the request is the status information about said device (paragraph 0047).

12. As per claim 9, Bobde et al. teaches a service disclosing and providing method, wherein said first service providing means controls a user's right accessing said second service providing means, the user relating to said service utilizing means (paragraph 0027).

13. As per claim 11, Bobde et al. teaches a first service providing program for, in a case where said first service providing program and a second service providing program located on a network have a dependent relationship (paragraph 0024), causing one or more computers to realize a function of accepting a service request sent from a service

utilizing device (paragraph 0029) and issued using a location of said first service providing program being under disclosure (paragraph 0024), and a function of requesting said second service providing program to provide a service by using a location of said second service providing program being under non-disclosure (paragraph 0056); and said second service providing program for, in said case, causing the one or more computers to realize a function of sending back requested information to the service utilizing device via said first service providing program (paragraph 0047), wherein said service request is a request for acquisition of status information about a device, and a response to the request is the status information about said device (paragraph 0047).

14. As per claim 12, Bobde et al. teaches a first service providing program, wherein said first service providing program causes said one or more computers to further realize a function of controlling a user's right accessing said second service providing program, the user relating to said service utilizing device (paragraph 0027).

15. As per claim 14, Bobde et al. teaches a program product comprising: a service disclosing program for, in a case where a first service providing program and a second service providing program located on a network have a dependent relationship (paragraph 0024), causing one or more computers to realize a function of sending back a location of said first service providing program being under disclosure to a service utilizing device in response to an inquiry sent from said service utilizing device (paragraph 0029); said first service providing program for, in said case, causing said one or more computers to realize a function of accepting a service request issued from

said service utilizing device, and a function of requesting said second service providing program to provide a service by using a location of said second service providing program being under non-disclosure (paragraph 0029); and said second service providing program for, in said case, causing said one or more computers to realize a function of sending back requested information to said service utilizing device via said first service providing program (paragraph 0027), wherein said service request is a request for acquisition of status information about a device, and a response to the request is the status information about said device (paragraph 0047).

16. As per claim 16, Bobde et al. teaches a program product, wherein said service request is respective pieces of information that a plurality of said second service providing programs send back (paragraph 0040), and said first service providing program causes said one or more computers to realize a function of aggregating the respective pieces of information that said second service programs send back, and responding to said service utilizing device (paragraph 0038).

17. As per claim 17, Bobde et al. teaches a program product comprising: a first service providing program for, in a case where said first service providing program and a second service providing program located on a network have a dependent relationship (paragraph 0024), causing one or more computers to realize a function of accepting a service request sent from a service utilizing device and issued using a location of said first service providing program being under disclosure (paragraph 0029), and a function of requesting said second service providing program to provide services by using a location of said second service providing program being under non-

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disclosure (paragraph 0029); and said second service providing program for, in said case, causing said one or more computers to realize a function of sending back requested information to said service utilizing device via said first service providing program (paragraph 0027).

18. As per claim 18, Bobde et al. teaches a program product, wherein said first service providing program causes said one or more computers to realize a function of controlling an access right to said second service providing program by a user related to said service utilizing device (paragraph 0027).

### ***Conclusion***


19. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. These references are disclosed in the Notice of References Cited and teach numerous other ways of implementing a method and program for disclosing and providing services on network, thus a close review of them is suggested.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ranodhi Serrao whose telephone number is (571)272-7967. The examiner can normally be reached on 8:00-4:30pm, M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on (571)272-3880. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



RUPAL DHARIA  
SUPERVISORY PATENT EXAMINER